

RAW DATA: Spectroscopy

CHEM 110 Section L3 - THREE

Please record the raw data for your locker number on pages 1 and 2 of the lab report sheet.

	steel sample number	mass of steel (g)	Volume of Intermediate Delivered from Burette (mL)			Absorbance @ $\lambda_{\max}$			
Locker #			std #1	std #2	std #3	std #1	std #2	std #3	analyte
A302	NA	0.2952	7.95	15.45	22.50	0.186	0.403	0.585	0.418
A304	NA	0.2578	6.97	15.02	22.18	0.138	0.335	0.493	0.261
A307	NA	0.2905	6.75	15.11	21.58	0.140	0.340	0.483	0.362
A311	NA	0.2322	6.49	14.95	21.55	0.150	0.354	0.499	0.317
A313	NA	0.2015	6.74	15.33	21.84	0.145	0.343	0.515	0.324
A317	NA	0.2345	6.70	14.99	21.84	0.128	0.326	0.502	0.401
A319	NA	0.2785	6.52	15.19	22.19	0.127	0.320	0.490	0.285
A320	NA	0.2455	7.07	14.41	22.14	0.138	0.329	0.507	0.457
B302	NA	0.2328	7.75	15.51	22.52	0.186	0.403	0.585	0.418
B304	NA	0.2151	6.79	15.02	22.17	0.138	0.335	0.493	0.261
B307	NA	0.2478	6.76	15.13	21.60	0.140	0.340	0.483	0.362
B311	NA	0.2016	6.49	15.09	21.80	0.150	0.354	0.499	0.317
B313	NA	0.2875	6.82	15.38	21.84	0.145	0.343	0.515	0.324
B317	NA	0.2323	6.77	14.93	21.64	0.128	0.326	0.502	0.401
B319	NA	0.2487	6.51	15.16	22.25	0.127	0.320	0.490	0.285
B320	NA	0.2656	6.85	14.47	22.21	0.138	0.329	0.507	0.457